

**CERTIFICATION OF MAILING BY "EXPRESS MAIL"**

Express Mail Label No. EV 313 980 248 US  
Date of Deposit: 26 January 2004

  
Virginia Griffith

I hereby certify that this paper or fee and accompanying documents referred to below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Case No. 138.00US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Kirakossian et al

Serial No: Not Yet Assigned

Filed: 26 January 2004 Filed Herewith

For: BIOMARKER DETECTION IN  
CIRCULATING CELLS

Examiner:: Not Yet Assigned

Art Unit: Not Yet Assigned

Customer No.: 33,603

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on the accompanying PTO-1449 form(s) may be material to the examination of the above-identified application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application. Copies of the cited references have been previously submitted in prior application(s) to the above application, with the exception of References P-72 through P82 Reference D46 through D62. Copies of these citation are enclosed.

This Information Disclosure Statement under 37 CFR 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

**SUBMISSION INFORMATION**

This Information Disclosure Statement is being submitted within three (3) months of filing or before mailing of a first Office Action, whichever occurs last. (37 CFR 1.97(b))

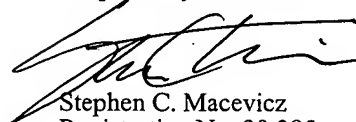
**PAYMENT OF FEES (IF ANY DUE)**

**FEE AUTHORIZATION.** The Commissioner is hereby authorized to withdraw from Deposit Account

**50-2266**

any submission fees or petition fees required for this Information Disclosure Statement.

Respectfully submitted,



Stephen C. Macevicz  
Registration No. 30,285

Enclosures: 1449 form(s)  
Copies of 25 References

Form PTO-1449 (adapted)  <b>REFERENCES CITED BY APPLICANT</b>	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

## U.S. PATENT DOCUMENTS

Examiner's Initial		Document Number	Inventor(s)	Issue Date (publication date) (mm dd yyyy)	Class/Subclass	Filing Date (mm dd yyyy)
	<b>P1</b>	2002/0037542	ALLBRITTON	(03/28/2002)	435/7.23	05/17/2001
	<b>P2</b>	2002/0128465	LYAMICHEV	(09/12/2002)	536/24.3	02/06/2001
	<b>P3</b>	4,274,240	SOUM	06/23/1981	52/583	05/03/1979
	<b>P4</b>	4,331,590	BOCUSLASKI	05/25/1982	260/112 B	05/06/1980
	<b>P5</b>	4,650,750	GIESE	03/17/1987	435/7	03/19/1984
	<b>P6</b>	4,675,300	ZARE	06/23/1987	436/172	09/18/1985
	<b>P7</b>	4,709,016	GIESE	11/24/1987	530/389	02/01/1982
	<b>P8</b>	4,780,421	KAMEDA	10/25/1988	436/518	04/03/1986
	<b>P9</b>	5,057,412	RABIN	10/15/1991	435/6	03/15/1988
	<b>P10</b>	5,254,469	WARREN, III	10/19/1993	435/188	09/17/1991
	<b>P11</b>	5,324,401	YEUNG	06/28/1994	204/180.1	02/05/1993
	<b>P12</b>	5,340,716	ULLMAN	08/23/1994	435/6	06/20/1991
	<b>P13</b>	5,360,819	GIESE	11/01/1994	514/538	03/11/1985
	<b>P14</b>	5,470,705	GROSSMAN	11/28/1995	435/6	04/07/1992
	<b>P15</b>	5,494,793	SCHINDELE	02/27/1996	435/6	06/14/1989
	<b>P16</b>	5,514,543	GROSSMAN	05/07/1996	435/6	08/04/1993
	<b>P17</b>	5,516,636	MCCAPRA	05/14/1996	435/6	12/01/1992
	<b>P18</b>	5,516,931	GIESE	05/14/1996	560/59	04/22/1993

EXAMINER	Date considered
<p>*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.</p>	

<b>Form PTO-1449 (adapted)</b>  <b>REFERENCES CITED BY APPLICANT</b>	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

Examiner's Initial		Document Number	Inventor(s)	Issue Date (publication date) (mm dd yyyy)	Class/Subclass	Filing Date (mm dd yyyy)
	<b>P19</b>	5,536,834	SINGH	07/16/1996	544/98	06/06/1995
	<b>P20</b>	5,560,811	BRIGGS	10/01/1996	204/451	03/21/1995
	<b>P21</b>	5,565,324	STILL	10/15/1996	435/6	04/13/1994
	<b>P22</b>	5,567,292	MADABHUSHI	10/22/1996	204/451	12/06/1994
	<b>P23</b>	5,573,906	BANNWARTH	11/12/1996	435/6	03/22/1993
	<b>P24</b>	5,578,498	SINGH	11/26/1996	436/518	11/22/1993
	<b>P25</b>	5,580,732	GROSSMAN	12/03/1996	435/6	08/26/1994
	<b>P26</b>	5,602,273	GIESE	02/11/1997	560/60	02/08/1996
	<b>P27</b>	5,604,104	GIESE	02/18/1997	435/7.1	02/08/1996
	<b>P28</b>	5,610,020	GIESE	03/11/1997	435/7.1	02/08/1996
	<b>P29</b>	5,616,719	DAVALIAN	04/01/1997	546/334	05/09/1995
	<b>P30</b>	5,624,800	GROSSMAN	04/29/1997	435/6	05/19/1995
	<b>P31</b>	5,650,270	GIESE	07/22/1997	435/6	03/20/1990
	<b>P32</b>	5,691,151	BRAUN	11/25/1997	435/7.2	10/07/1994
	<b>P33</b>	5,703,222	GROSSMAN	12/30/1997	536/24.3	11/21/1995
	<b>P34</b>	5,705,622	McCAPRA	01/06/1998	536/23.1	03/28/1996
	<b>P35</b>	5,709,994	PEASE	01/20/1998	435/4	06/06/1995
	<b>P36</b>	5,719,028	DAHLBERG	02/17/1998	435/6	02/06/1997
	<b>P37</b>	5,721,099	STILL	02/24/1998	435/6	06/07/1995

<b>EXAMINER</b>	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

<b>Form PTO-1449 (adapted)</b>  <b>REFERENCES CITED BY APPLICANT</b>	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

Examiner's Initial		Document Number	Inventor(s)	Issue Date (publication date) (mm dd yyyy)	Class/Subclass	Filing Date (mm dd yyyy)
	<b>P38</b>	5,723,591	LIVAK	03/03/1998	536/22.1	11/15/1995
	<b>P39</b>	5,756,726	HEMMI	05/26/1998	540/474	06/06/1995
	<b>P40</b>	5,763,602	LI	06/09/1998	540/128	10/01/1996
	<b>P41</b>	5,766,481	ZAMBIAS	06/16/1998	210/656	02/18/1997
	<b>P42</b>	5,777,096	GROSSMAN	07/07/1998	536/24.3	05/06/1996
	<b>P43</b>	5,789,172	STILL	08/04/1998	435/6	07/11/1996
	<b>P44</b>	5,807,675	DAVALIAN	09/15/1998	435/6	06/07/1995
	<b>P45</b>	5,807,682	GROSSMAN	09/15/1988	435/6	06/17/1997
	<b>P46</b>	5,811,239	FRAYNE	09/22/1998	435/6	05/13/1996
	<b>P47</b>	5,843,655	McGALL	12/01/1998	435/6	09/18/1995
	<b>P48</b>	5,843,666	AKHAVAN-TAFTI	12/01/1998	435/6	11/15/1996
	<b>P49</b>	5,846,839	GALLOP	12/08/1998	436/518	12/22/1995
	<b>P50</b>	5,849,878	CANTOR	12/15/1998	530/391.9	06/07/1995
	<b>P51</b>	5,851,770	BABON	12/22/1998	435/6	10/19/1995
	<b>P52</b>	5,874,213	CUMMINS	02/23/1999	435/6	06/06/1995
	<b>P53</b>	5,876,930	LIVAK	03/02/1999	435/6	11/15/1995
	<b>P54</b>	5,916,426	MADABHUSHI	06/29/1999	204/451	08/19/1997
	<b>P55</b>	5,952,654	GIESE	09/14/1999	250/288	10/29/1997
	<b>P56</b>	5,958,202	REGNIER	09/28/1999	204/451	01/22/1997

EXAMINER	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

<b>Form PTO-1449 (adapted)</b>  <b>REFERENCES CITED BY APPLICANT</b>	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

Examiner's Initial		Document Number	Inventor(s)	Issue Date (publication date) (mm dd yyyy)	Class/Subclass	Filing Date (mm dd yyyy)
	P57	5,986,076	ROTHSCHILD	11/16/1999	536/22.1	11/22/1994
	P58	5,989,871	GROSSMAN	11/23/1999	435/91.1	02/14/1997
	P59	5,998,140	DERVAN	12/07/1999	435/6	05/08/1997
	P60	6,001,567	BROW	12/14/1999	435/6	07/12/1996
	P61	6,001,579	STILL	12/14/1999	435/7.1	06/07/1995
	P62	6,027,890	NESS	02/22/2000	435/6	07/22/1997
	P63	6,045,676	MATHIES	04/04/2000	204/603	08/22/1997
	P64	6,090,947	DERVAN	07/18/2000	548/312.4	02/26/1996
	P65	6,251,581	ULLMAN	06/26/2001	435/4	05/22/1991
	P66	6,312,893	VAN NESS	11/06/2001	435/6	07/22/1997
	P67	6,322,980	SINGH	11/27/2001	435/6	04/30/1999
	P68	6,331,530	BRESLOW	12/18/2001	514/58	07/13/1999
	P69	6,335,201	ALLBRITTON	01/01/2002	436/63	07/21/1999
	P70	6,346,384	POLLNER	02/12/02	435/6	03/27/00
	P70	6,346,529	FLOYD	02/12/2002	514/226.2	04/15/1998
	P71	6,368,874	GALLOP	04/09/2002	436/518	11/17/1999
	P72	5,445,970	ROHR	08/29/95	436/526	12/01/94
	P73	6,048,515	KRESS ET AL	04/11/00	424/9.322	07/10/95
	P74	5,998,224	ROHR ET AL	12/07/99	435/526	05/16/97

EXAMINER	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

<b>Form PTO-1449 (adapted)</b>  <b>REFERENCES CITED BY APPLICANT</b>	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

Examiner's Initial		Document Number	Inventor(s)	Issue Date (publication date) (mm dd yyyy)	Class/Subclass	Filing Date (mm dd yyyy)
	P75	5,646,001	TERSTAPPEN ET AL.	07/08/97	435/7.21	02/28/95
	P76	5,262,176	PALMACCI ET AL	11/16/93	424/9	05/02/91
	P77	5,691,208	MILTENYI ET AL	11/25/97	436/526	07/07/95
	P78	4,452,773	MOLDAY	06/05/84	436/529	04/05/82
	P79	6,365,362	TERSTAPPEN	04/04/04	435/7.23	02/12/99
	P80	4,375,407	KRONICK	03/01/83	209/223	06/22/81
	P81	5,508,164	KAUSCH ET AL	04/16/96	435/6	11/29/93
	P82	5,665,582	KAUSCH ET AL	09/09/97	434/181	04/18/94

**FOREIGN PATENT DOCUMENTS**

Examiner's Initial		Country	Document Number	Applicant	Date (mm-dd-yyyy)
	F1	EP	0 484 027 A1	IMPERIAL CHEMICAL INDUSTRIES PLC	05/06/1992
	F2	WO	93/06121	AFFYMAX TECHNOLOGIES N.V.	04/01/1993
	F3	WO	96/24061	ONTOGEN CORPORATION	08/08/1996
	F4	WO	97/27325	DARWIN MOLECULAR CORPORATION	07/31/1997
	F5	WO	97/27327	DARWIN MOLECULAR CORPORATION	07/31/1997
	F6	WO	97/28275	IGEN INTERNATIONAL INC.	08/07/1997
	F7	WO	98/01533	BURSTEIN LABORATORIES, INC.	01/15/1998
	F8	WO	98/15830	WALLAC OY	04/16/1998
	F9	WO	99/05319	RAPIGENE, INC.	02/04/1999

<b>EXAMINER</b>	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

<b>Form PTO-1449 (adapted)</b>  <b>REFERENCES CITED BY APPLICANT</b>	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

	<b>F10</b>	<b>WO</b>	<b>99/13108</b>	<b>UNIVERSITY OF MARYLAND, BALTIMORE</b>	<b>03/18/1999</b>
	<b>F11</b>	<b>WO</b>	<b>99/42838</b>	<b>DADE BEHRING INC.</b>	<b>08/26/1999</b>
	<b>F12</b>	<b>WO</b>	<b>99/64519</b>	<b>AMERSHAM PHARMACIA BIOTECH UK LIMITED</b>	<b>12/16/1999</b>
	<b>F13</b>	<b>WO</b>	<b>00/56925</b>	<b>ACLARA BIOSCIENCES, INC.</b>	<b>09/28/2000</b>
	<b>F14</b>	<b>WO</b>	<b>00/66607</b>	<b>ACLARA BIOSCIENCES, INC.</b>	<b>11/09/2000</b>

**OTHER REFERENCES**

Examiner's Initial		Citation
	<b>D1</b>	Adam et al., "Photooxygenation (Singlet Oxygen) of Tetrathioethylenes", Journal of the American Chemical Society, Vol. 94:4, 1972, pgs. 1206-1208.
	<b>D2</b>	Adam et al., "Photooxygenation of Vinyl Sulfides: Substituent Effects on the [2+2] Cycloaddition versus Schenck Ene Reaction Modes", Tetrahedron Letters, Vol. 36, No. 43, Pergamon Press 1995, pgs. 7853-7854.
	<b>D3</b>	Ando et al., "Photosensitized Oxygenation of Vinylic Sulphides", J.C.S. Chem. Comm., 1972, pgs. 477-478.
	<b>D4</b>	Ando et al., "Singlet Oxygen Reaction - II Alkylthiosubstituted Ethylene", Tetrahedron, Vol. 29, Pergamon Press 1973, pgs 1507-1513.
	<b>D5</b>	Ando et al., "Singlet Oxygen Reaction. III. Solvent and Temperature Effects on the Photosensitized Oxygenation of Vinyl Sulfides and Vinyl Ethers", Journal of the American Chemical Society, Vol. 96:21, 1974, pgs. 6766-6768.
	<b>D6</b>	Ando et al., "Singlet Oxygen Reaction. IV. Photooxygenation of Enamines Involving a Two-Step Cleavage of a 1, 2-Dioxetane Intermediate", Journal of American Chemical Society, Vol. 97:17, 1975, pgs 5028-5029.
	<b>D7</b>	Ando et al., "Singlet Oxygen Reaction V. Ring Size Effects on the Decomposition of Sulfur Substituted 1, 2-Dioxetane", Tetrahedron Letters, No. 47, Pergamon Press 1975, pgs 4127-4130.
	<b>D8</b>	Brenner et al., "Encoded Combinatorial Chemistry", Proc. Natl. Acad. Sci. USA, Vol. 89, 1992, pgs. 5381-5383.
	<b>D9</b>	Fitch et al., "Improved Methods for Encoding and Decoding Dialkylamine-Encoded Combinatorial Libraries", J. Comb. Chem., 1, 1999, pgs. 188-194.
	<b>D10</b>	Giese, "Electrophoric Release Tags: Ultrasensitive Molecular Labels Providing Multiplicity", Trends in Analytical Chemistry, Vol. 2, No. 7, 1983, pgs. 166-168.

<b>EXAMINER</b>	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	



Form PTO-1449 (adapted)	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

Examiner's Initial		Citation
	D12	Hacia et al., "Detection of Heterozygous Mutations in BRCA1 Using High Density Oligonucleotide Arrays and Two-Colour Fluorescence Analysis", Nature Genetics, Vol. 14, 1996, pgs. 441-447.
	D13	Haff et al., "Multiplex Genotyping of PCR Products with MassTag-Labeled Primers", Nucleic Acids Research, Vol. 25, No. 18, 1997, pgs. 3749-3750.
	D14	Holland et al., "Detection of Specific Polymerase Chain Reaction Product by Utilizing the 5' → 3' Exonuclease Activity of <i>Thermus Aquaticus</i> DNA Polymerase", Proc. Natl. Acad. Sci. USA, Vol. 88, 1991, pgs. 7276-7280.
	D15	Houghten et al., "Human $\beta$ -Endorphin: Synthesis and Characterization of Analogs Iodinated and Tritiated at Tyrosine Residues 1 and 27", Int. J. Peptide Protein Res., Vol. 16, 1980, pgs. 311-320.
	D16	Kochevar et al., "Photosensitized Production of Singlet Oxygen", Methods in Enzymology, Vol. 319, 2000, pgs. 20-29.
	D17	Lee et al., "Allelic Discrimination by Nick-Translation PCR with Fluorogenic Probes", Nucleic Acids Research, Vol. 21, No. 16, 1993, pgs. 3761-3766.
	D18	Liu et al., "Capillary Electrochromatography-laser-induced Fluorescence Method for Separation and Detection of Dansylated Dialkylamine Tags in Encoded Combinatorial Libraries", Journal of Chromatography, Art. 924, 2001, pgs. 323-329.
	D19	Lu et al., "Polymerizable Fab' Antibody Fragments for Targeting of Anticancer Drugs", Nature Biotechnology, Vol. 17, 1999, pgs. 1101-1104.
	D20	Lum et al., "Ability of Specific Monoclonal Antibodies and Conventional Antisera Conjugated to Hematoporphyrin to Label and Kill Selected Cell Lines Subsequent to Light Activation", Cancer Research, Vol. 45, 1985, pgs. 4380-4386.
	D21	Marglin et al., "Chemical Synthesis of Peptides and Proteins", Art. 739, 1970, pgs. 841-866.
	D22	Marino et al., "Characterization of Mitochondrial DNA Using Low-Stringency Single Specific Primer Amplification Analyzed by Laser Induced Fluorescence – Capillary Electrophoresis", Electrophoresis, Vol. 17, 1996, pgs. 1499-1504.
	D23	Matthews et al., "Analytical Strategies for the Use of DNA Probes", Analytical Biochemistry, Vol. 169, 1988, pgs. 1-25.
	D24	Merrifield, "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide", Synthesis of a Tetrapeptide, Vol. 85, 1963, pgs. 2149-2154.
	D25	Ni et al., "Versatile Approach to Encoding Combinatorial Organic Synthesis Using Chemically Robust Secondary Amine Tags", J. Med. Chem., Vol. 39, 1996, pgs. 1601-1608.
	D26	Olejniak et al., "Photocleavable Affinity Tags for Isolation and Detection of Biomolecules", Methods in Enzymology, Vol. 291, 1998, pgs. 135-154.
	D27	Oseroff et al., "Antibody-Targeted Photolysis: Selective photodestruction of Human T-Cell Leukemia Cells Using Monoclonal Antibody-Chlorin $e_6$ Conjugates", Proc. Natl. Acad. Sci. USA, Vol. 83, 1986, pgs. 8744-8748.

EXAMINER	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (adapted)	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

Examiner's Initial		Citation
	D29	Posewitz et al., "Immobilized Gallium(III) Affinity Chromatography of Phosphopeptides", Anal. Chem., Vol. 71, 1999, pgs. 2883-2892.
	D30	Rakestraw et al., "Antibody-Targeted photolysis: <i>In vitro</i> Studies with Sn(IV) Chlorin e6 Covalently Bound to Monoclonal Antibodies Using a Modified Dextran Carrier", Proc. Natl. Acad. Sci. USA, Vol. 87, 1990, pgs. 4217-4221.
	D31	Da Ros et al., "DNA-Photocleavage Agents", Current Pharmaceutical Design, Vol. 7, 2001, pgs. 1781-1821.
	D32	Ross et al., "Discrimination of Single-Nucleotide Polymorphisms in Human DNA Using Peptide Nucleic Acid Probes Detected by MALDI-TOF Mass Spectrometry", Anal. Chem., Vol. 69, 1997, pgs. 4197-4202.
	D33	Sharman et al., "Role of Activated Oxygen Species in Photodynamic Therapy", Methods in Enzymology, Vol. 319, 2000, pgs. 376-400.
	D34	Still, "Discovery of Sequence-Selective Peptide Binding by Synthetic Receptors Using Encoded Combinatorial Libraries", Acc. Chem. Res., Vol. 29, 1996, pgs. 155-163.
	D35	Strong, "Antibody-Targeted Photolysis", Annals New York Academy of Sciences, Vol. 745, 1994, pgs. 297-320.
	D36	Ullman et al., "Luminescent Oxygen Channeling Immunoassay: Measurement of Particle Binding Kinetics by Chemiluminescence", Proc. Natl. Acad. Sci. USA, Vol. 91, 1994, pgs. 5426-5430.
	D37	Wang et al., "Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome", Science, Vol. 280, 1998, pgs. 1077-1082.
	D38	Wasserman et al., "Enamine-Single Oxygen Reactions. $\alpha$ -Diketones from Intermediate Amino Dioxetanes", Tetrahedron Letters, No. 21, 1975, pgs. 1735-1738.
	D39	Wetmur, "DNA Probes: Applications of the Principles of Nucleic Acid Hybridization", Critical Reviews in Biochemistry and Molecular Biology, Vol. 26, 1991, pgs. 227-259.
	D40	White, "The Future of PCR Technology: Diversification of Technologies and Applications", Tibtech, Vol. 14, 1996, pgs. 478-483.
	D41	Wöhrle, "Porphyrins, Phthalocyanines, and Naphthalocyanines for Various Processes fo Visible Light Driven Conversion Processes", Chimia, Vol. 45, 1991, pgs. 307-310.
	D42	Woolley et al., "Functional Integration of PCR Amplification and Capillary Electrophoresis in a Microfabricated DNA Analysis Device", Anal. Chem., Vol. 68, 1996, pgs. 4081-4086.
	D43	Yarmush et al., "Antibody Targeted Photolysis", Critical Reviews in Therapeutic Drug Carrier Systems, Vol. 10, 1993, pgs. 197-252.
	D44	Yemul et al., "Selective Killing of T Lymphocytes by Phototoxic Liposomes", Proc. Natl. Acad. Sci. USA, Vol. 84, 1987, pgs. 246-250.
	D45	Zaklika et al., "Mechanisms of 1,2-Dioxetane Decomposition: The Role of Electron Transfer", Photochemistry and Photobiology, Vol. 30, 1979, pgs. 35-44.
	D46	X.C. Hu et al., "Immunomagnetic umor Cell Enrichment is Promising in Detecting Circulatng Breast Cancer Cells" Oncoloby, 2003;64: 160-165
	D50	Moreno et al, "Changes in Circulating Carcinoma Cells in Pateints with Metastatic Prostate Cancer Correlate with Disease Status", Adult Urology, 58 (3), 2001

EXAMINER	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	

<b>Form PTO-1449 (adapted)</b>  <b>REFERENCES CITED BY APPLICANT</b>	Docket No. <b>138.00US</b>	Serial No. <b>Not Yet Assigned</b>
	First Named Inventor <b>Hrair KIRAKOSSIAN</b>	Customer No. <b>33,603</b>
	Filing Date <b>26 January 2004 Filed Herwith</b>	Group <b>Not Yet Assigned</b>

Examiner's Initial		Citation
	<b>D51</b>	Nam et al, "Nanoparticle-based Bio-bar Codes for the Ultrasensitive Detection of Proteins", Science, Vol 301, 26 September 2003
	<b>D52</b>	Zigeuner et al, "Isolation of Circulating Cancer Cells From Whole Blood by Immunomagnetic Cell Enrichment and Unenriched Immunocytochemistry in Vitro", The Journal of Urology, Vo. 169, February, 2003, 701-705
	<b>D53</b>	Ghossein et al., "Molecular Detection and Charaterization of Circulating Tumor Cells and Micrometastases in Prostatic, Urothelial, and Renal Cell Carcinomas" Seminars in Surgical Oncology, 2001, 20: 304-311
	<b>D54</b>	Stefan Miltenyi et al., "High Gradient Magnetic Cell Separation with MCCA", Cytometry, 11: 231-238, (1990)
	<b>D55</b>	W. Schutt et al., "Applications of Magnetic Targeting in Diagnosis and Therapy-Possibilities and Limitations: A Mini-Review", Hybridoma, Volume 16, Number 1, 1997
	<b>D56</b>	Andreas Radbruch et al, "High-Gradient Magnetic Cell Sorting", Methods in Cell Biology, Vol. 42, 1994
	<b>D57</b>	Jeffrey J. Chalmers, et al, "Theoretical Analysis of Cell Separation Bsed on Cell Surface marker Density", Biotechnology and Bioengineering, Vo. 59, No. 1, July 5, 1998, 11-20
	<b>D58</b>	Masayui Nakamura et al, "Separatio of Breast Cancer Cell Line from Human Blood Using a Quadrupole Magnetic Flow Sorter", Biotechnol Prog., 2001, Vo. 17, No. 6
	<b>D59</b>	Bong Kyung Shin, "Hroteomics Approaches to Uncover the Repertoire of Circulating Biomarkers for Breast Cancer", Journal of Mammary Gland Biology and Neoplsia, Vol. 7, No. 4, Oct 2002
	<b>D60</b>	Emilian Racila, et al, "Detection and Charaterization of Carcinoma Cells in the Blood", Proc. Natl. Acad. Sci. USA, Vol 95, pp 4589-4594, April 1998
	<b>D61</b>	David Sidransky, "Emerging Molecular Markers of Cancer", Nature Review/Cancer, Volume 2, March 2002, 211-219
	<b>D62</b>	Ivo Safarik, et al, "Use of Magnetic Techniques for the Isolation of Cells", Journal of Chromatography B., 722 (1999) 33-53

<b>EXAMINER</b>	Date considered
*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.	